



 P.L.E.A.S.E.[®]
PROFESSIONAL

next level therapies



AESTHETIC



BEYOND STANDARD
FRACTIONAL SKIN RESURFACING

NEXT GENERATION RESURFACING

Fractional laser treatments accomplish skin rejuvenation or resurfacing by selectively ablating only a fraction of the skin's surface. This is done by generating micropores surrounded by untreated, intact tissue. Since the procedure only results in minimal necrotic tissue, the healing process for any resultant wounds is greatly reduced.

Healing is also affected by precisely controlled, thermal-mediated damage within the target tissue layer, which effectively stimulates fibroblasts to produce new collagen and elastin. It is these healing processes that are responsible for immediate and long term improvement in skin quality.

WHY P.L.E.A.S.E.[®] PROFESSIONAL?

P.L.E.A.S.E.[®] Professional combines the advantages of CO₂ and Er:YAG into one powerful and compact laser system.

CO₂ lasers are known to be powerful, but have the disadvantage of lower ablation efficiency associated with significant thermal damage and tissue carbonization. This results in prolonged healing times and the risk of hypopigmentation.

Er:YAG has a much higher absorption in water than CO₂ with very little thermal conduction into the surrounding tissue. This technology was further optimised to achieve high ablation efficiency and advanced pulse-forming capabilities by developing a unique diode-pumped Er:YAG laser.

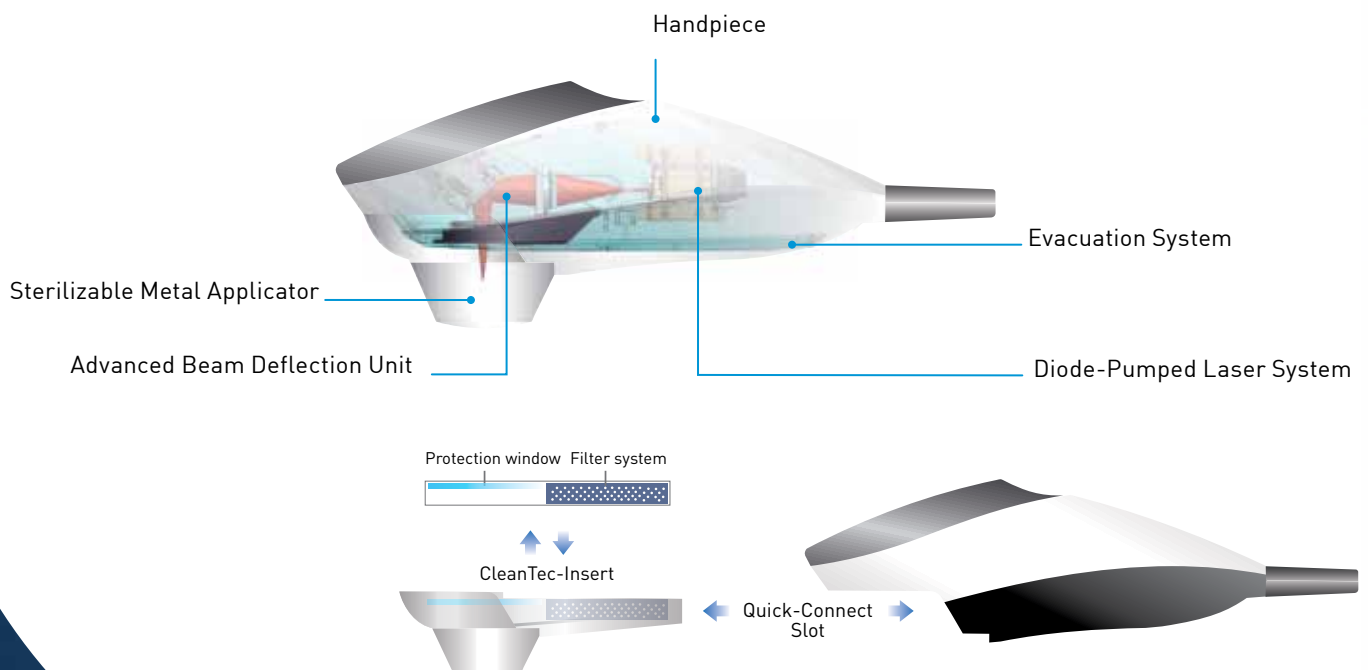
P.L.E.A.S.E.[®] Professional is a state of the art compact laser device for aesthetic and dermatology applications that sets new standards for safety, precision and versatility.

This easy to use device offers exclusive safety features that allow it to be classified as a laser class 1 device.

A MULTITUDE OF BENEFITS - THE RIGHT CHOICE FOR YOUR PRACTICE

- Grow your practice and increase your patient population with the world's first diode-pumped fractional laser system
- Explore the new and exciting innovation in fractional laser technology for facial rejuvenation and an extended range of clinical applications
- Lightweight, compact table-top design
- Safe and precise application using customizable treatment parameters
- Solid, future-ready platform using the newest extremely reliable diode-pumped laser technology. Your investment won't be outdated or underpowered
- Meet patient demand, expand your aesthetic offerings and get more patients with immediate and long term consistent, reproducible and visible results

SMART TECHNOLOGY



SAFETY

SIMPLY STATE OF ART

- A multitude of benefits packed into a highly portable package combining the advantages of Er:YAG and CO₂
- Depth penetration like CO₂. Safety, precision and fast recovery time like Er:YAG
- Exclusive pulse forming technology for both superficial and deep fractional treatments
- High power output for safe, effective treatments with ultimate precision
- Immediate, measurable improvements and visible results with short downtime
- Streamlined simplicity for ease of use from start-up. Intuitive, user-friendly, full color touch screen interface
- Compact table-top device. Can be moved between multiple locations, making it a candidate for sharing between several users

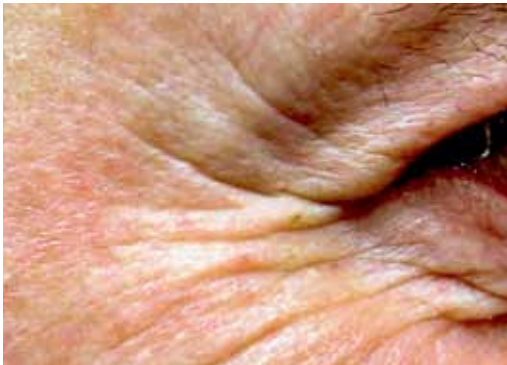


P.L.E.A.S.E.® Professional delivers high safety and hygienic levels for patients and clinicians with exclusive built-in evacuation system and the use of quick exchangeable and unique CleanTec-Inserts within the applicator.

The laser class 1 device is equipped with a skin detection functionality, which allows users to operate the device without extensive safety precautions.

The treatment can also be performed by a qualified assistant or nurse.

FRACTIONAL SKIN RESURFACING WITH P.L.E.A.S.E.® PROFESSIONAL



Before



6 months after one single treatment

Clinical outcome after only a single treatment:

- Appearance of wrinkles is significantly reduced
- Skin texture and structure is improved
- Pleasing results after only one treatment with less than 5 days downtime
- Skin color tonality is even and skin looks fresh and homogenous
- Clinical outcome will be further improved after 3 – 6 months as a result of neo-collagenesis

P.L.E.A.S.E.® PROFESSIONAL CAN BE USED FOR THE FOLLOWING TREATMENTS:

- Mild to deep wrinkle reduction
- Improvement of skin tone and texture
- Acne scars, post-traumatic and surgical scars
- Persistent peri-oral and peri-orbital deep rhytides
- Pigmented lesions and age spots
- Lax skin in most facial areas including upper and lower blephs
- Combination treatments (microporation and cosmeceuticals)

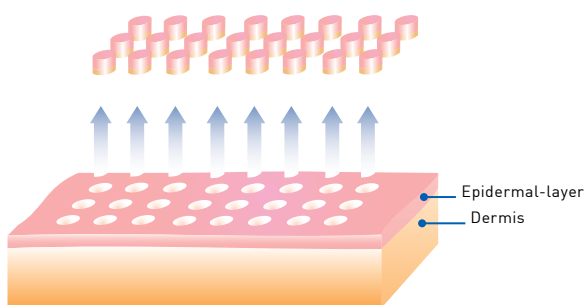
COMBINATION TREATMENTS

TREATMENT PROCESS

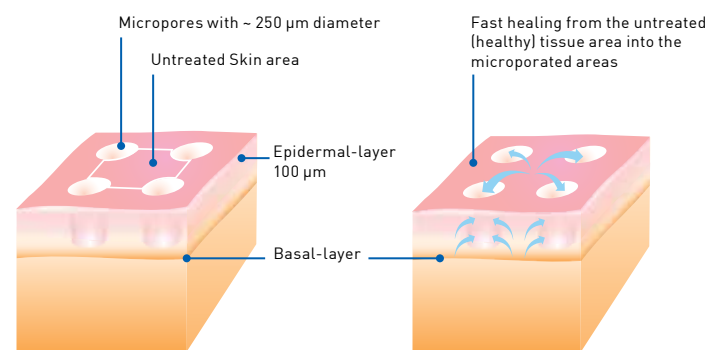
P.L.E.A.S.E.® Professional is Pantec Biosolutions` breakthrough diode-pumped laser technology which provides excellent clinical results with minimal downtime, representing the pinnacle of advanced resurfacing procedures. In comparison to full field resurfacing, only a percentage of the total treatment area is ablated by creating 250 µm channels into the skin. This provides controlled thermal damage within the target structures of the tissue, while maintaining effective regenerative capacity.

This process initiates a perfect wound healing response, leaving the surrounding tissue intact from which accelerated repair activities take place and fibroblasts form new collagen and elastin. Clear benefits are increased patient comfort, shorter healing times and tuneable clinical results ranging from subtle to dramatic.

P.L.E.A.S.E. Professional - fractional ablation process



P.L.E.A.S.E. Professional - fractional healing process



up to 15% of the epidermal layer can be removed with one single pass

· very fast healing
· short downtime
· reduced side effects

SIGNIFICANT ADVANTAGES

- Precise and fully controllable, customizable treatment procedure
- Safe treatment profile
- Absence of accompanying treatment effects; no anaesthesia required
- Fast re-epithelialization and healing time; short downtime < 5 days
- Possibility to maximize skin injury while fully maintaining regenerative capacity
- Ability to control tissue effects through advanced pulse forming
- Advanced control of thermal profiles using different pulse formations
- Precise adjustment of pore density and percentage of tissue removed

New advanced combination treatments as a result of a precise microporation technology and increased skin permeability. This facilitates effective transdermal delivery of specific cosmeceuticals and other biologically-active substances.

Faster healing and reduced downtime with improved clinical outcome could be the final end result.

SYSTEM SPECIFICATIONS

Laser type:	Diode-pumped Er: YAG
Wavelength:	2940 nm
Pulse repetition rate	100 to 500 Hz
Pulse duration:	50 to 225 μ s
Beam profile:	Top-Hat
Pore diameter:	225 μ m
Fluence:	up to 25 J/cm ²
Aperture:	5 x 5 to 14 x 14 mm
Pore density, coverage:	1 to 15 %
Depth penetration:	Ablation depth up to 1500 μ m (theoretical values only!)

SAFETY REQUIREMENTS

None	Laser class 1 device
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POWER PARAMETERS

Mains voltage:	100 to 240 VAC, (50 to 60 Hz)
Average power consumption:	max. 750 W

ENVIRONMENTAL REQUIREMENTS:

Humidity:	max. 70% RH, non condensing
Temperature range:	18 to 30 C

MECHANICAL SPECIFICATIONS:

Dimensions tabletop unit:	460 x 380 x 250 mm (WxDxH)
Dimensions handheld unit:	65 x 220 x 90 mm (WxDxH)
System weight:	approx. 11 kg

Subject to change without notice
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P.L.E.A.S.E.® Professional, visit:
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